

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE (ER 1130-2-316)						Page 1 of 1	
						April 2001	
TO: Chairman, Board of County Commissioners P.O. Box 398, Fort Myers, FL			FROM: USACE. District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida				
RIVER/HARBOR NAME AND STATE Charlotte Harbor, Lee County, FL			MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD				
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Middle Half (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)			
Boca Grande Pass: Outer Cut, from 400 feet seaward of red Nun Buoy-4 to red Nun Buoy-6	Apr-2001	300	0.9	32	10.6 (1)	14.0 (1)	30.3 (1)
From red Nun Buoy-6 to 400 feet seaward of red Lighted Buoy-8 @ start of widener	Apr-2001	300	0.8	32	17.6 (2)	29.7 (2)	26.2 (2)
Channel/Widener: from 400 feet seaward of red Lighted Buoy-8 to red Lighted Buoy-10 @ east end of widener	Apr-2001	300-690	0.5	32	14.5 (3)	21.5 (3)	27.4 (3)
Inner Cut: from red Lighted Buoy-10 @ east end of widener to 800 feet landward of red Lighted Buoy-12	Apr-2001	300	1.1	32	6.2 (4)	12.5 (4)	29.0 (4)

Remarks:

- (1) Extensive shoaling across the entire western side of channel, from 1,000 feet seaward of green Lighted Buoy-3 to green Lighted Buoy-5. Least depth occurs 1,100 feet south of Buoy-5. Deeper water exists in eastern half of Federal channel.
- (2) Shoaling continues throughout western side of channel, from green Lighted Buoy-5 to beginning of widener. Shoaling also located along eastern side of channel, from 1,850 feet south of red Buoy-8 to beginning of widener.
- (3) Shoaling continues along the northwest side of channel from 200 feet seaward of green Lighted Buoy-7 to red Buoy-10. Shoaling also continues along the southern edge of channel from 400 feet seaward of red Buoy-8 to 700 feet west of red Buoy-10.
- (4) Extensive shoaling continues throughout most of channel from Red Buoy-10 and extending approximately 2,700 feet landward. Least depths occur on northern side of channel approximately 1,100 east of Buoy-10. Spot shoal is also located in vicinity of red Buoy-12.